



PTO/SB/21 (09-04)

Approved for use through 07/31/2006.

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/648,155
	Filing Date	August 26, 2003
	First Named Inventor	Gazda et al.
	Art Unit	2194
	Examiner Name	Seye, Abdou K.
Total Number of Pages in This Submission	Attorney Docket Number	I-2-0353.2US

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	Form PTO-1449, Copy of Form PTO-892, and Four References Cited.
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	Remarks	
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	VOLPE AND KOENIG, P.C.	
Signature		
Printed name	Thomas A. Mattioli	
Date	September 29, 2006	Reg. No. 56,773

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature		
Typed or printed name	Thomas A. Mattioli	Date September 29, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

6



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Gazda et al.

Application No.: 10/648,155

Confirmation No.: 3682

Filed: August 26, 2003

For: OPERATING SYSTEM (OS)
ABSTRACTION LAYER

Group: 2194

Examiner: Seye, Abdou K.

Our File: I-2-0353.2US

Date: September 29, 2006

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56, Applicants wish to bring to the Examiner's attention the material cited on the enclosed PTO-1449 form. Newly cited documents are indicated by an asterisk (*). Copies of the cited documents are enclosed, and pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the cited U.S. publications and/or patent documents have not been included.


Pursuant to 37 C.F.R. § 1.97(e)(2), the undersigned certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counter part foreign application, and, to the knowledge of the person signing the certification, after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was

known to any individual designated in § 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his consideration of the cited materials.

Respectfully submitted,

Gazda et al.

By 
Thomas A. Mattioli
Registration No. 56,773
(215) 568-6400

Volpe and Koenig, P.C.
United Plaza, Suite 1600
30 South 17th Street
Philadelphia, PA 19103

TAM/akg
Enclosures (6)



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				ATTY. DOCKET NO. I-2-0353.2US		SERIAL NO. 10/648,155	
				APPLICANT Gazda et al.			
				FILING DATE August 26, 2003		GROUP 2194	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	*	5,946,487	08/1999	Dangelo			
		6,029,000	02/2000	Woolsey et al.			
		6,272,519	08/2001	Shearer et al.			
	*	6,407,751	06/2002	Minami et al.			
	*	6,606,742	08/2003	Orton et al.			
	*	6,631,516	10/2003	Baumgart et al.			
	*	6,721,945	04/2004	Sinha			
	*	6,725,451	04/2004	Schuetz et al.			
	*	6,754,885	06/2004	Dardinski et al.			
	*	6,813,764	11/2004	Stoodley			
	*	6,842,433	01/2005	West et al.			
	*	6,851,110	02/2005	Hundt et al.			
	*	6,968,541	11/2005	Hanson et al.			
		2002/0006137	01/2002	Rabenko et al.			
		2002/0091800	07/2002	Wilkinson et al.			
		2004/0025042	02/2004	Kouznetsov et al.			
		2004/0054821	03/2004	Warren et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
		00/74368	12/2000	WO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
		I2O Special Interest Group "Intelligent I/O (I2O) Architecture Specification Version 2.0", Online!, March 1999, pp. 1-98, http://embedded.ifmo.ru/lib/DOC/RTOS/I2O/V2.0_spec.pdf .					

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0353.2US	SERIAL NO. 10/648,155
		APPLICANT Gazda et al.	
		FILING DATE August 26, 2003	GROUP 2194
		Ryan, "Synchronization in Portable Device Drivers", Operating Systems Review (SIGOPS), ACM Headquarters, Vol. 32, No. 4, October 1998, pp. 62-69.	
	*	LeCarme et al. "Software Portability." McGraw-Hill Company, New York, 1986, pp. 1-219.	
	*	DuBois, Paul. "Software Portability with Imake," Second Edition, O'Reilly & Assoc., 1996, Whole Manual.	
	*	Nu-Mega Technologies, Inc. (Company Literature), "Bounds-Checker User's Guide," Chapter 6, "Customizing Data Checking with Routine-Dat," July 21, 1998, pp. 75-83.	
	*	Nilsson, Hans-Peter. "Porting the GNU C Compiler for Dummies," December 1, 1998, 96 pages.	
	*	Wolf et al. "Portable Compiler Eases Problems of Software Migration." System Design/Software, 1984, pp. 147-153.	
	*	Steffen, Joseph L. "Adding Run-Time Checking to the Portable C Compiler." John Wiley & Sons, October 21, 1991, pp. 305-316.	
	*	Roberts et al. "A Portable Assembler Reverse Engineering Environment (PARE)," IEEE WCRE'96, pp. 76-85.	
	*	Maguire, Steve. "Writing Solid Code." Microsoft Press, 1993, pp. 111-117.	

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References Cited	Application/Control No. 10/648,663	Applicant(s)/Patent Under Reexamination GAZDA ET AL.	
	Examiner Todd Ingberg	Art Unit 2193	Page 1 of 2

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-6,606,742	08-2003	Orton et al.	717/140
*	B	US-5,946,487	08-1999	Dangelo, Carlos	717/148
*	C	US-6,842,433	01-2005	West et al.	370/312
*	D	US-6,968,541	11-2005	Hanson et al.	717/136
*	E	US-6,407,751	06-2002	Minami et al.	715/736
*	F	US-6,725,451	04-2004	Schuetz et al.	717/151
*	G	US-6,721,945	04-2004	Sinha, Navin	717/157
*	H	US-6,754,885	06-2004	Dardinski et al.	717/113
*	I	US-6,813,764	11-2004	Stoodley, Kevin A.	717/153
*	J	US-6,631,516	10-2003	Baumgart et al.	717/143
*	K	US-6,851,110	02-2005	Hundt et al.	717/159
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	"Software Portability", Oliver LeCarme et al, Mc Graw-Hill Compnay, New York, 1986, ppges 1 - 219
	V	Software Portability with imake, Paul DuBois, Second Edition, O'Reilly & Assoc., 1996, pages Whole Manual
	W	Nu-Mega Technologies, Inc. (Company Literature); Bounds-Checker User's Guide ,, Chapter 6, "Customizing Data Checking with Routine-Dat", pp. 75-83, printed July 21, 1998
	X	"Porting The GNU C Compiler for Dummies", Hans-Peter Nilsson, December 1, 1998, 96 pages

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.